

CITY OF SANTA BARBARA WATERFRONT DEPARTMENT

MEMORANDUM

Date: May 20, 2010
To: Harbor Commission
From: John N. Bridley, Waterfront Director
Subject: **Facilities Management Report**

Federal Channel Dredging

AIS Construction Company completed dredging of the Federal Channel in mid-April. Typical spring cycle dredging requires the removal of 120,000 cubic meters of sand. This past winter's storms deposited additional sediment in the Federal Channel and over 163,000 c.m. was removed during this final cycle of the 3-year dredging contract. Upon completion of the Federal Channel dredging, the contractor removed approximately 20,000 cubic yards of sand off West Beach completing dredging originally planned for FY2011 one year in advance. Since it was the end of the 3-year contract, the Corps required complete demobilization of all equipment including dredge pipe and the dredge yard.

The Corps is currently preparing updated plans and specifications for the next 3-year dredging contract. The project is expected to go out to bid in June with award of contract to the lowest bidder in August. Fall cycle dredging is scheduled to resume in October with re-establishment of the dredge yard and placement of the dredge pipe buried on West and East Beaches to the discharge site opposite the Cabrillo ball field.

The Corps recently released a draft Environmental Assessment (EA) of the dredging program. Preparation of the EA is required by the National Environmental Policy Act (NEPA) and is done every six years. Staff reviewed the EA with input from other City departments. The Corps proposes few changes in the dredging program and no delays in the fall dredging are anticipated as a result of the current environmental review.

Marina One Replacement Project – Phase 1 Construction

Staff held a well-attended meeting to discuss the Marina One construction plan on Tuesday, March 23 in the Marine Center Classroom. Representatives from Bellingham Marine Industries and AIS Construction Company were available to answer questions regarding the proposed project. Details of the construction plan were provided as well as the Waterfront's plan for displacing vessels berthed adjacent to the existing main headwalk. Several interested parties asked very good questions and hopefully left with a reasonable understanding of how this very complicated project will be constructed over the next couple months.

New concrete docks arrived in April and have been assembled along the south side of the existing headwalk. Temporary utilities including water, electrical, and cable have been installed with minimal disruption in service. Installation of utilities such as domestic water, fire water, and sewer lines are being installed on the new docks prior to re-positioning.

The contractor has implemented a variety of safety features including ramps over the temporary utilities and caution tape along the new docks. Signs are located at every ramp and finger informing the boating public to be aware of construction activities and exercise caution.

The contractor anticipates closing the marina for at least one full day on May 24 while the new docks are re-positioned and the new gangway is installed. The temporary utilities will provide service during re-positioning and very few and limited outages are anticipated. Waterfront staff has informed liveaboards and Business Activity Permit holders of the expected closure. Facilities staff will provide limited access to the marina for liveaboards on that day. After the new docks are repositioned, the contractor will install permanent utilities for the next several weeks. The entire project should be completed by the middle of June.

Stearns Wharf Annual Pile Driving and City Pier Structural Upgrades

Annual pile driving and heavy timber replacement was recently completed on Stearns Wharf. Cushman Contracting Corporation moved over to the City Pier and installed additional stringers to increase the load bearing capacity of that facility. City Pier work was conducted at night between midnight and 11:30 a.m. in order to keep the pier open during typical operating hours to accommodate commercial fishermen, research vessels, and oil rig support vessels. Cushman submitted a very low bid for the project allowing staff to increase the number of piles and stringers installed. The total project cost was \$115,000, significantly lower than staff's estimate. Both projects were included in the Waterfront's Capitol Improvement Plan for FY 2010. Inspection of the wharf's heavy timbers will resume in June to develop the scope of work for next year's project.

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